

Fig. 1

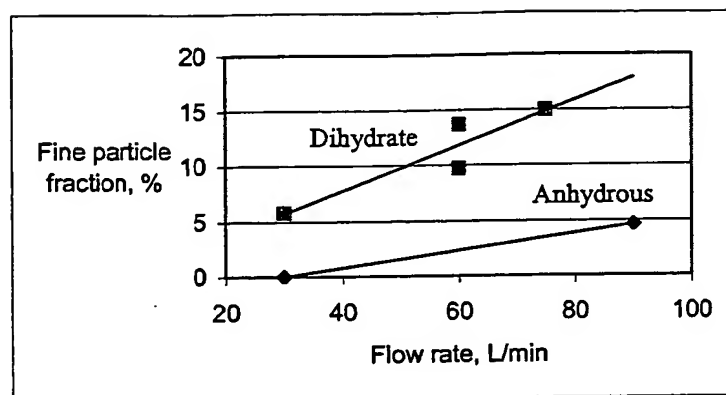


Fig. 2

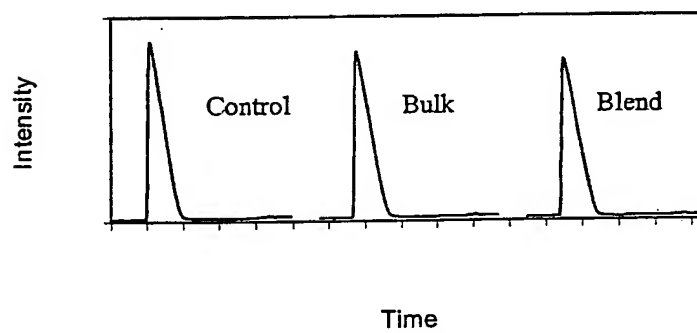


Fig. 3

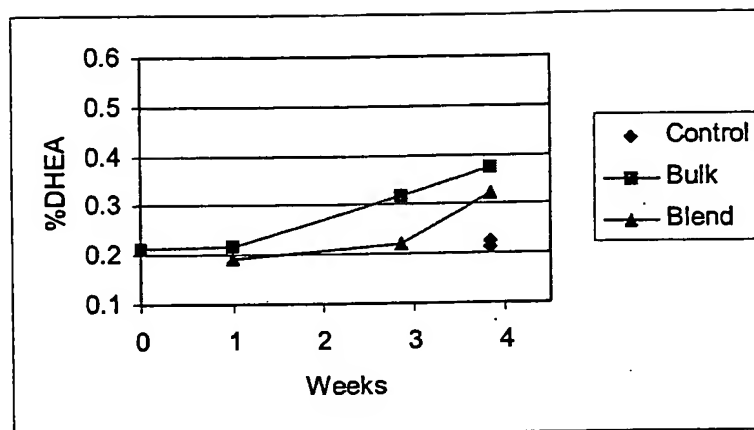


Fig. 4

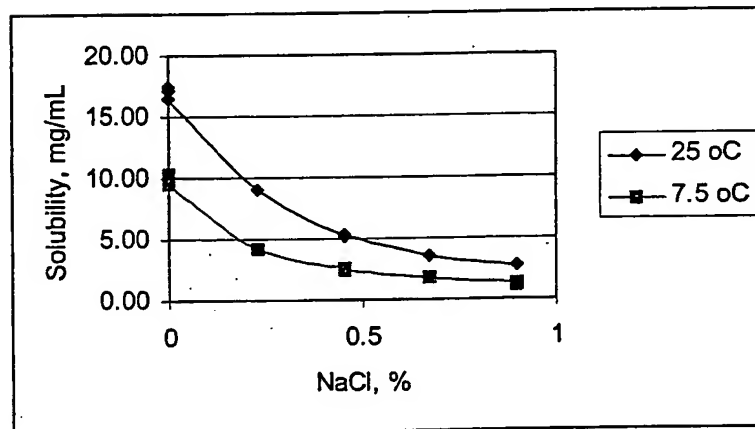


Fig. 5

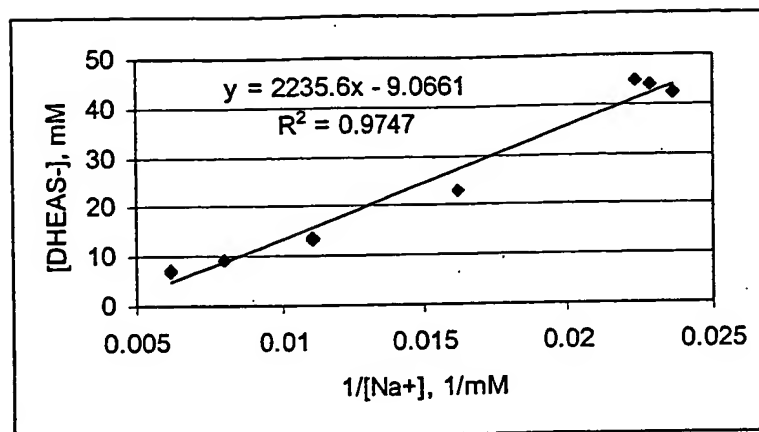


Fig. 6

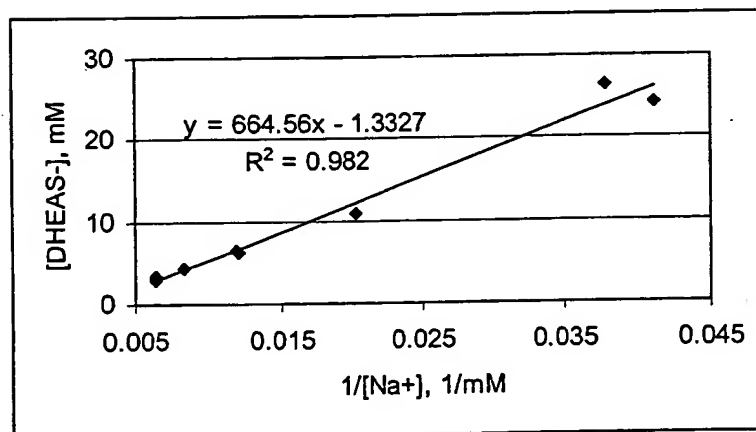


Fig. 7

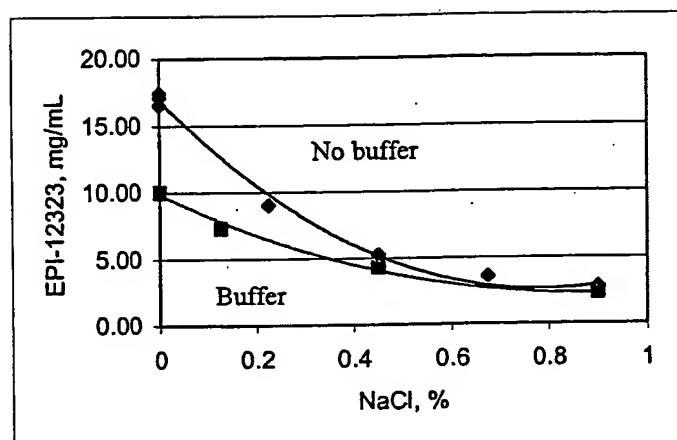


Fig. 8

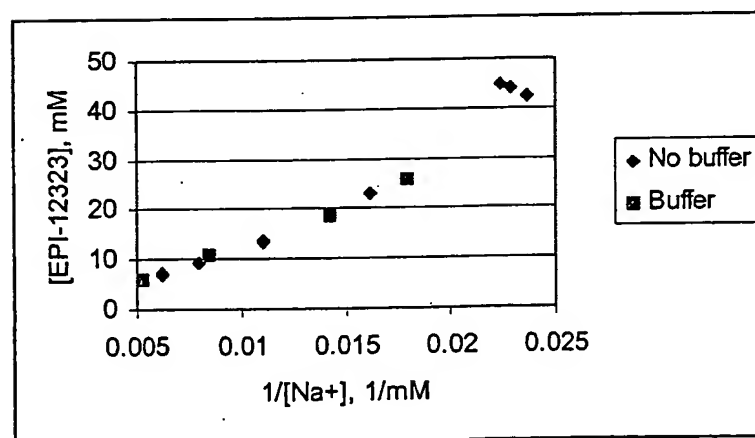


Fig. 9

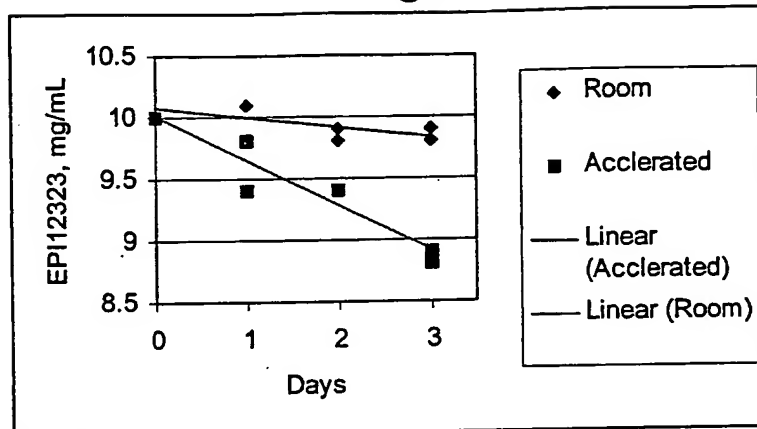


Fig. 10

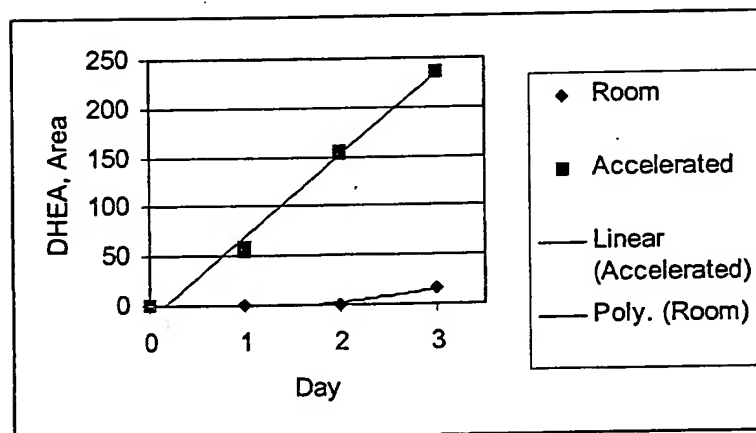


Fig. 11

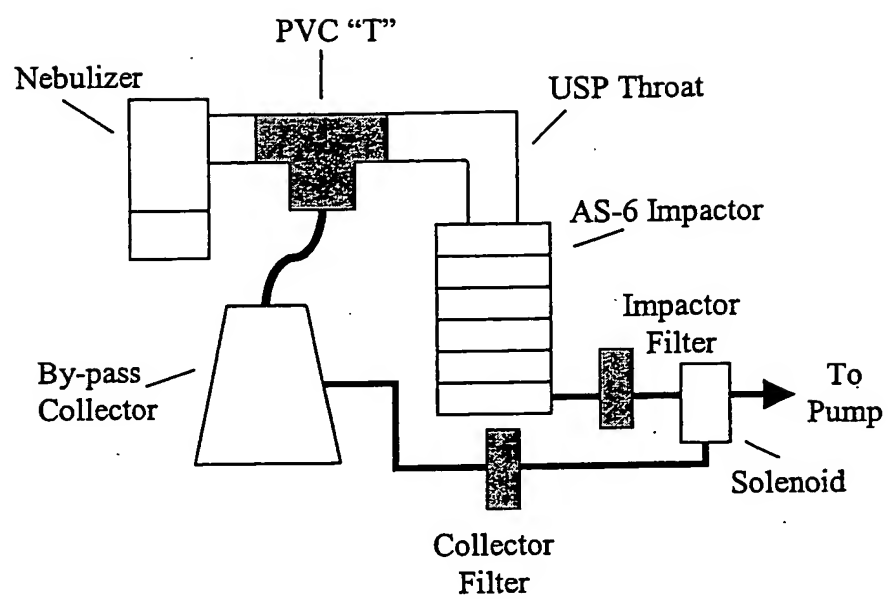


Fig. 12

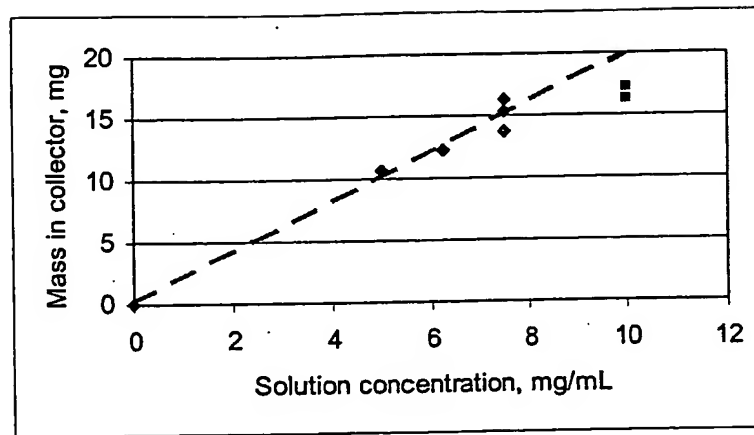


Fig. 13

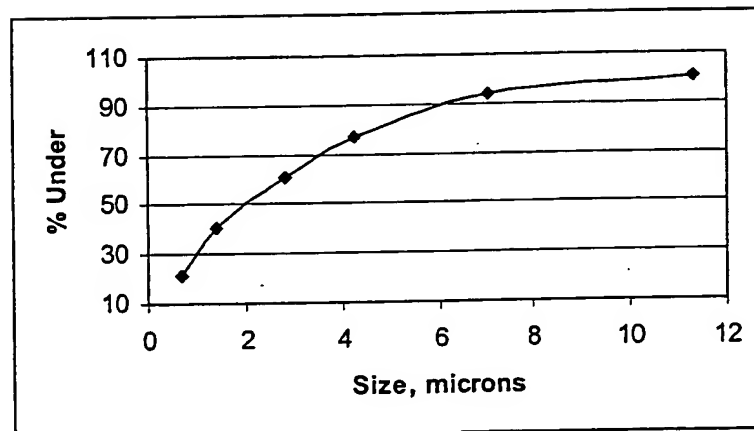


Fig. 14

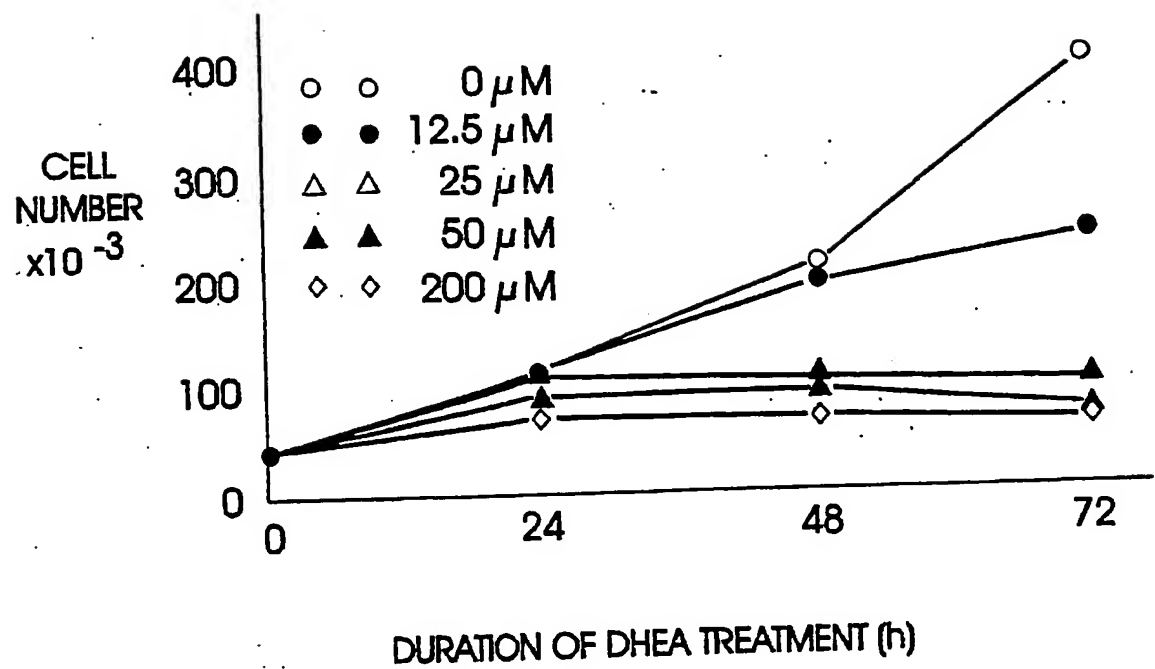


Fig. 15A

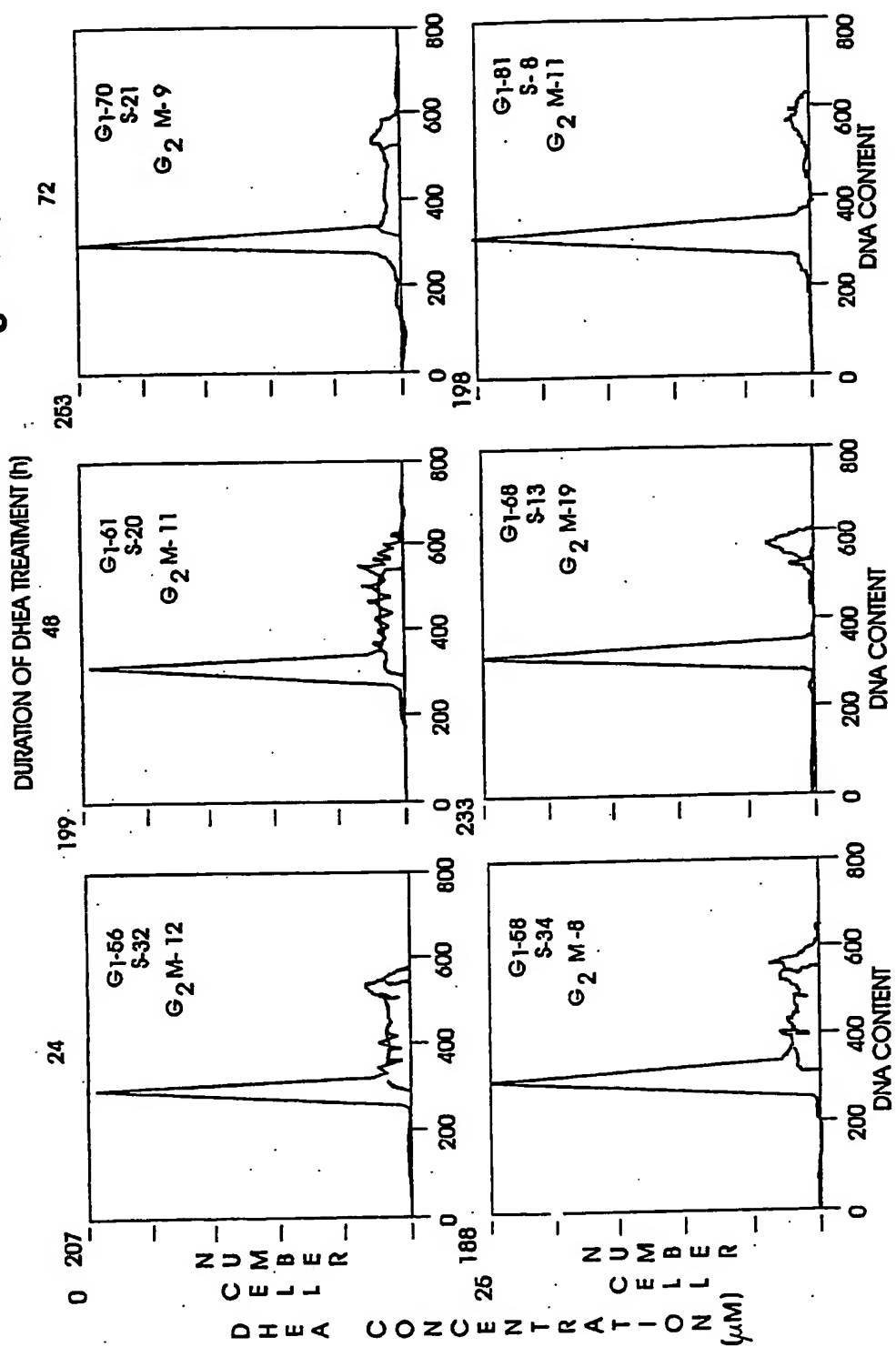
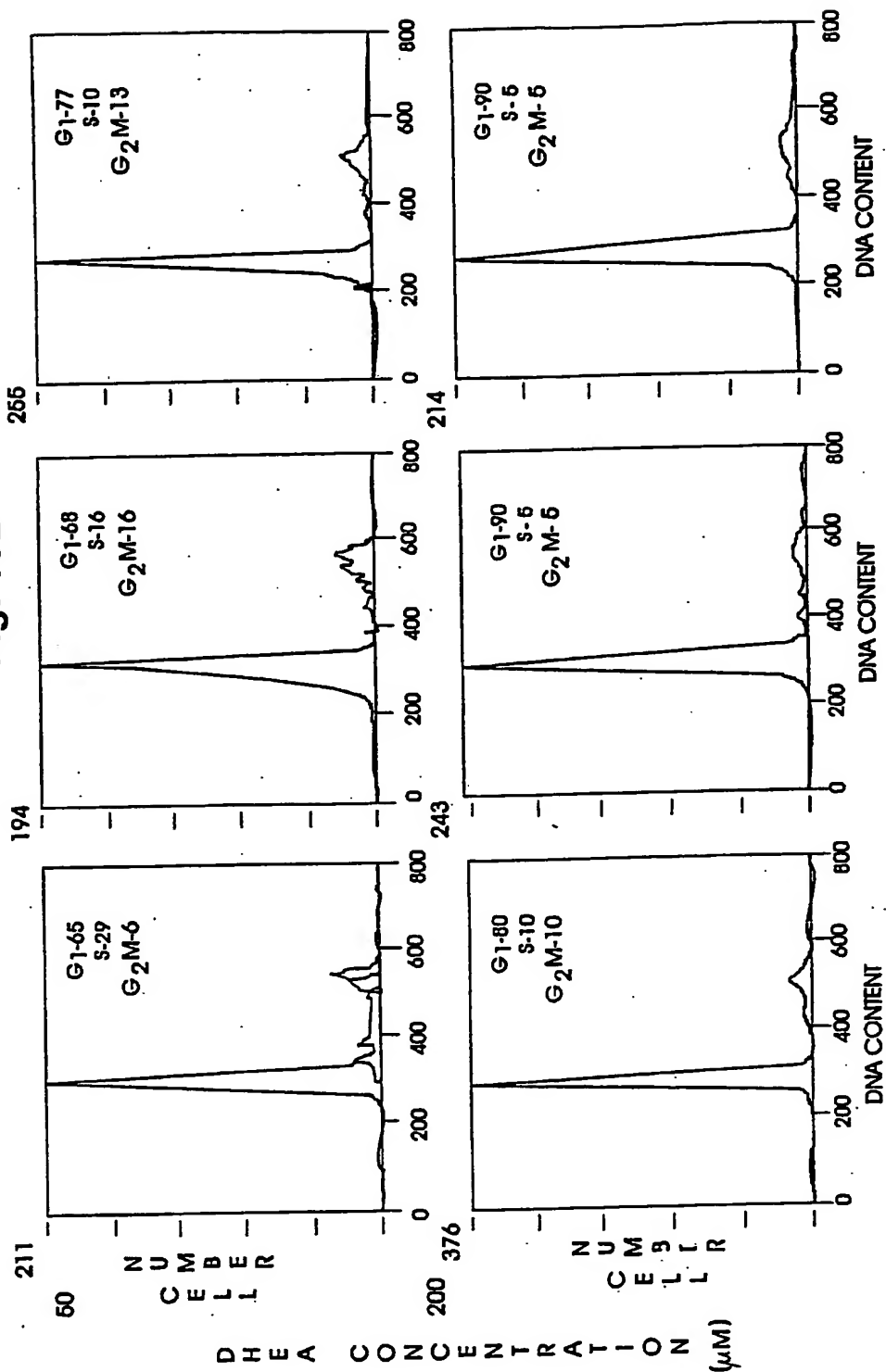


Fig. 15B



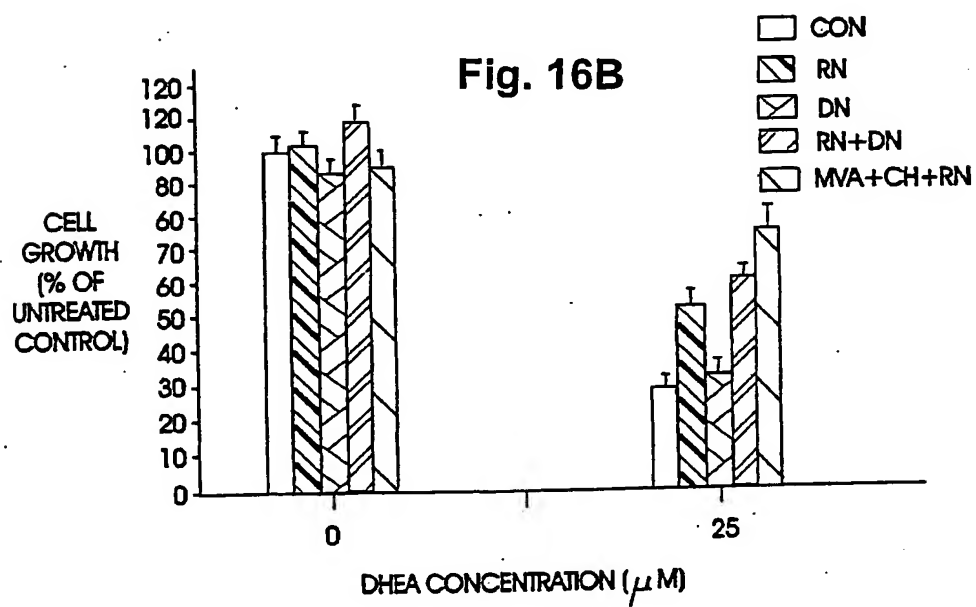
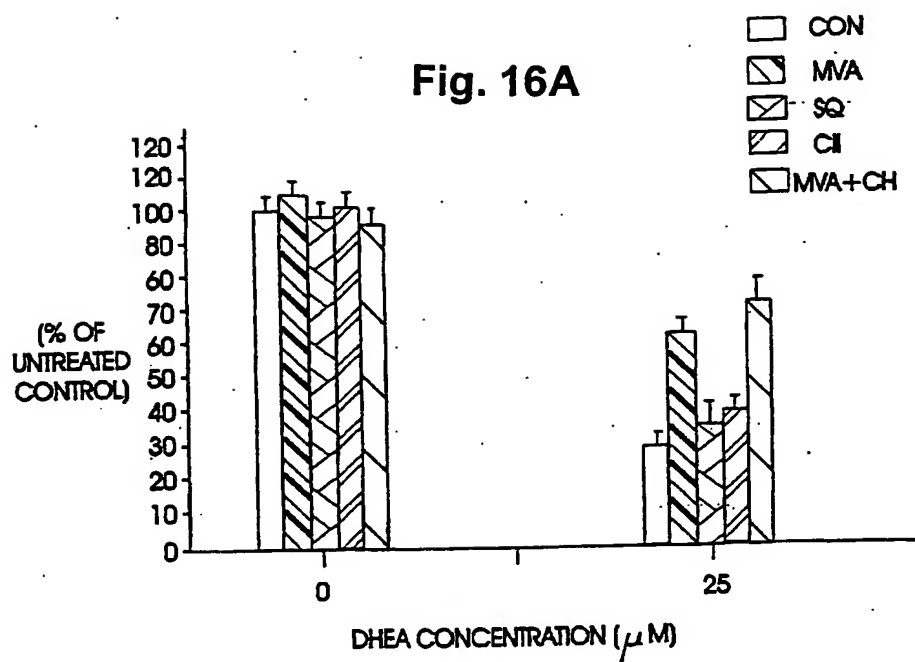


Fig. 17A

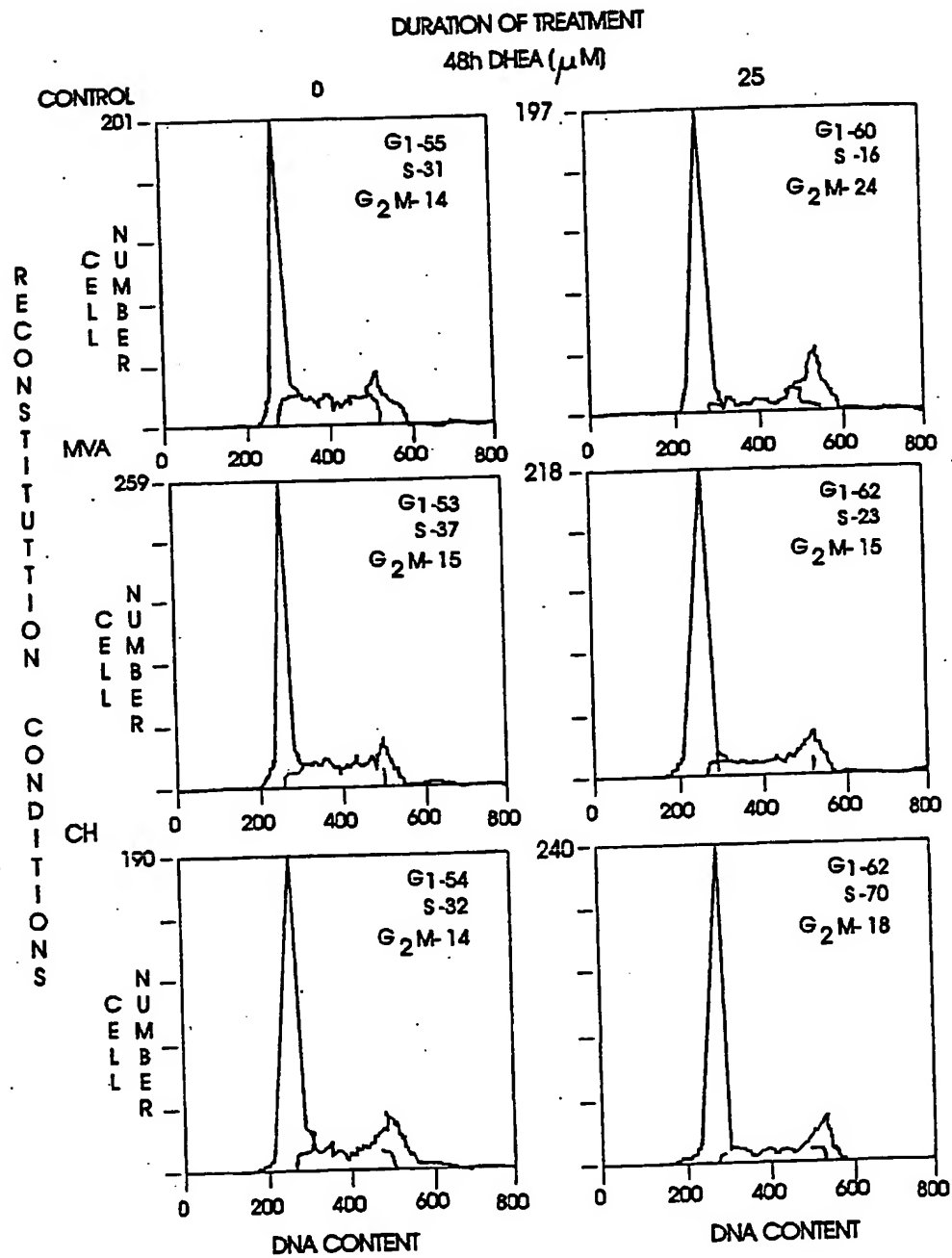


Fig. 17B

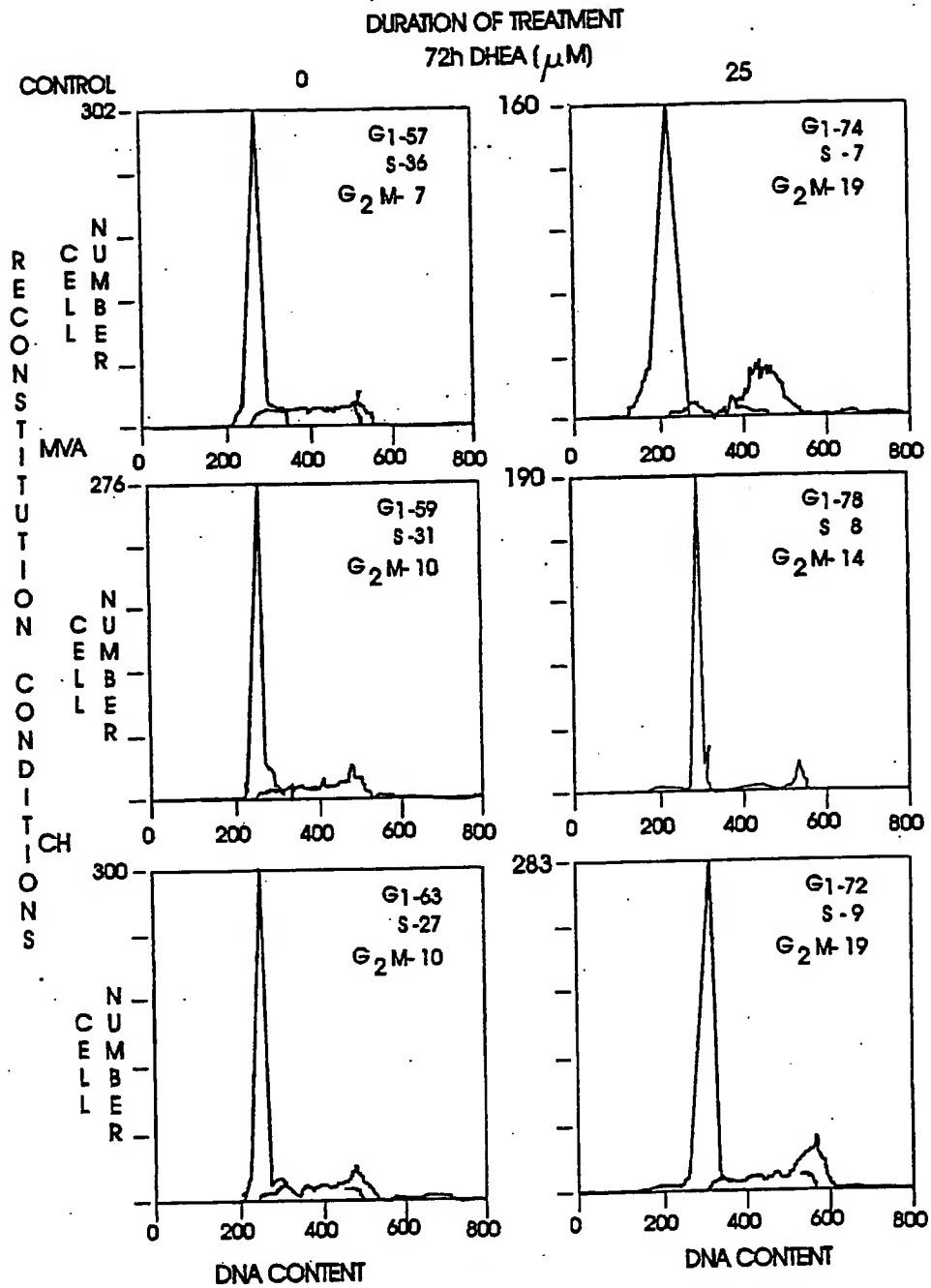


Fig. 17C

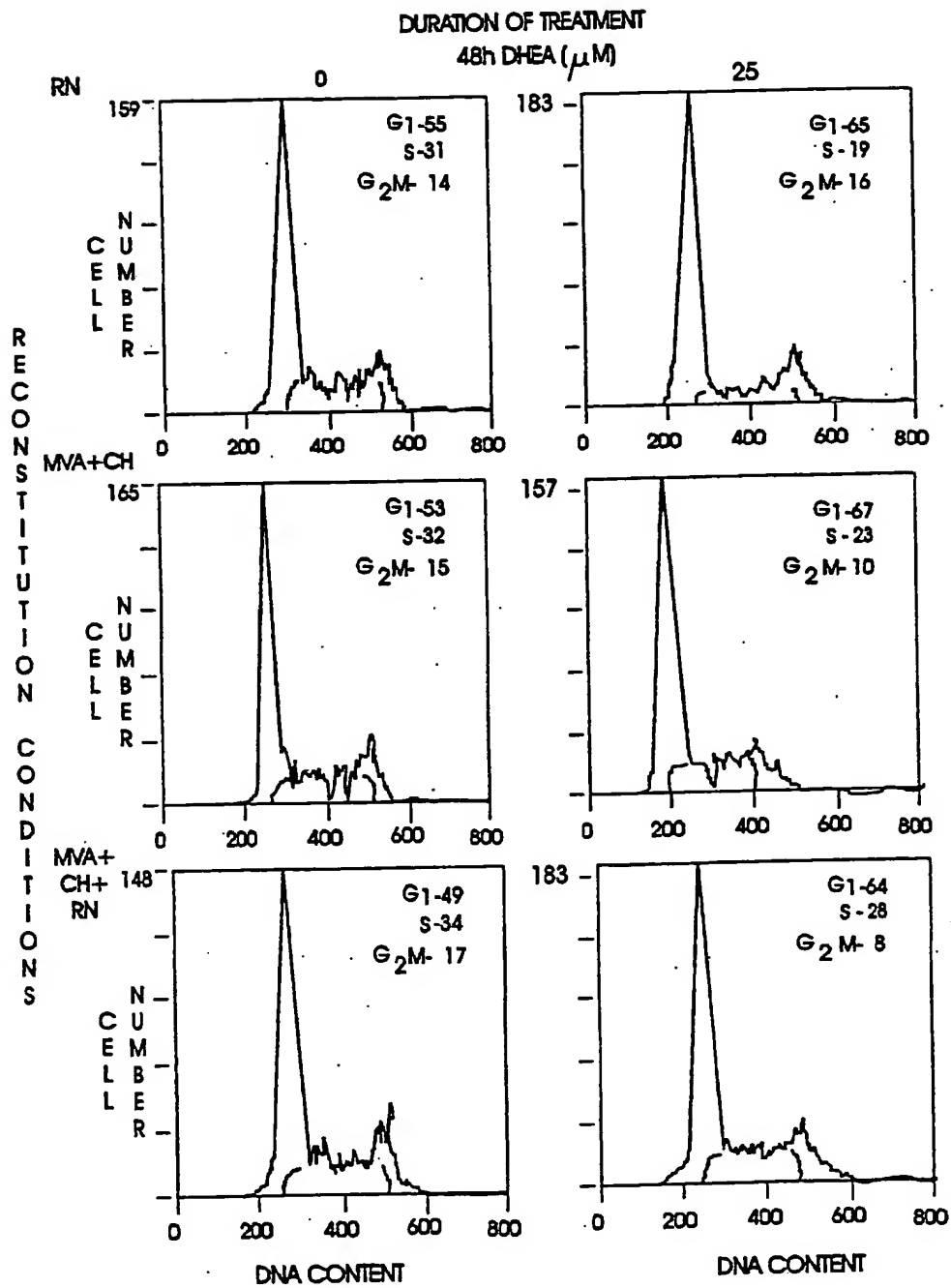
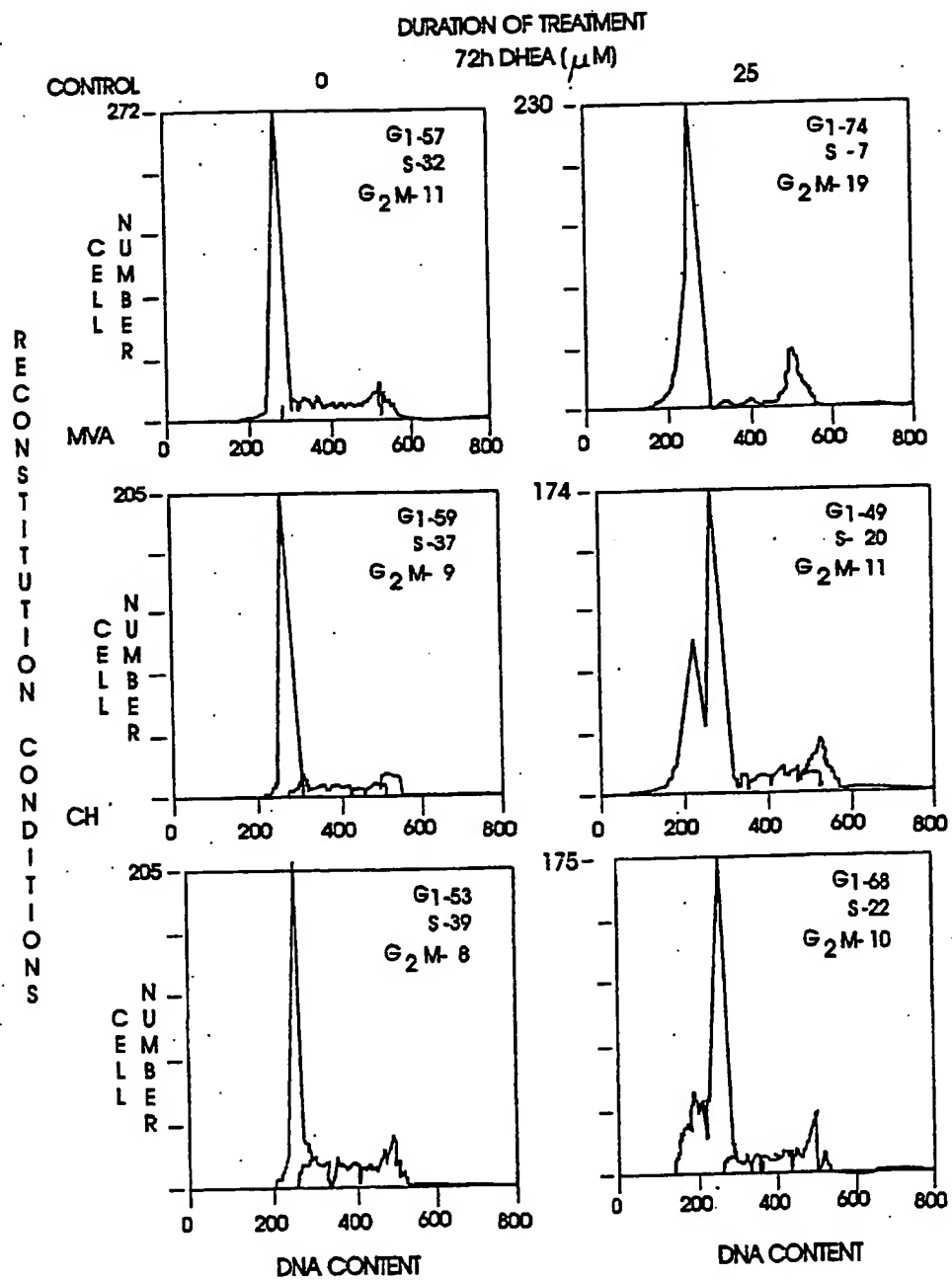


Fig. 17D



LIGHT CHAIN

	10	20	30	40
e27	DIQLTQSPSS	LSASVGDRVT	ITCRASKEVD	<u>GEGDSYMNWY</u>
e26	DIQLTQSPSS	LSASVGDRVT	ITCRASKEVD	<u>GEGDSYMNWY</u>
e426	DIQLTQSPSS	LSASVGDRVT	ITCRASQSD	<u>YEGDSYMNWY</u>
e25	DIQLTQSPSS	LSASVGDRVT	ITCRASQSD	<u>YDGD SYMNWY</u>

CDR-L1

	50	60	70	80
e27	QOKPGKAPKL	<u>LIYAASYLES</u>	GVPSRFSGSG	SGTDFTLTIS
e26	QOKPGKAPKL	<u>LIYAASYLES</u>	GVPSRFSGSG	SGTDFTLTIS
e426	QOKPGKAPKL	<u>LIYAASYLES</u>	GVPSRFSGSG	SGTDFTLTIS
e25	QOKPGKAPKL	<u>LIYAASYLES</u>	GVPSRFSGSG	SGTDFTLTIS

CDR-L2

	90	100	110	
e27	SLQPEDFATY	<u>YCQOSHEDPY</u>	TFGQGTKVEI	KRTV
e26	SLQPEDFATY	<u>YCQOSHEDPY</u>	TFGQGTKVEI	KRTV
e426	SLQPEDFATY	<u>YCQOSHEDPY</u>	TFGQGTKVEI	KRTV
e25	SLQPEDFATY	<u>YCQOSHEDPY</u>	TFGQGTKVEI	KRTV

CDR-L3

HEAVY CHAIN

	10	20	30	40
e27	EVQLVESGGG	LVQPGGSLRL	SCAVSGYSIT	<u>SGYSWNWIRQ</u>
e26	EVQLVESGGG	LVQPGGSLRL	SCAVSGYSIT	<u>SGYSWNWIRQ</u>
e426	EVQLVESGGG	LVQPGGSLRL	SCAVSGYSIT	<u>SGYSWNWIRQ</u>
e25	EVQLVESGGG	LVQPGGSLRL	SCAVSGYSIT	<u>SGYSWNWIRQ</u>

CDR-H1

	50	60	70	80
e27	APGKGLEWVA	<u>SITYDGSTNY</u>	<u>NPSVKGRITI</u>	SRDDSKNTFY
e26	APGKGLEWVA	<u>SITYDGSTNY</u>	<u>NPSVKGRITI</u>	SRDDSKNTFY
e426	APGKGLEWVA	<u>SITYDGSTNY</u>	<u>NPSVKGRITI</u>	SRDDSKNTFY
e25	APGKGLEWVA	<u>SITYDGSTNY</u>	<u>NPSVKGRITI</u>	SRDDSKNTFY

CDR-H2

	90	100	110	
e27	LQMNSLRAED	<u>TAVYYCARGS</u>	<u>HYFGHWHFAV</u>	WGQG
e26	LQMNSLRAED	<u>TAVYYCARGS</u>	<u>HYFGHWHFAV</u>	WGQG
e426	LQMNSLRAED	<u>TAVYYCARGS</u>	<u>HYFGHWHFAV</u>	WGQG
e25	LQMNSLRAED	<u>TAVYYCARGS</u>	<u>HYFGHWHFAV</u>	WGQG

CDR-H3

Fig. 18

(E25) - LIGHT CHAIN

DIQLTQSPSS LSASVGDRVT ITCRASQSD YDGDSYMNY QQKPGKAPKL LIYAASTLES GVPSRFSGSG
SGTDFTLTIS SLQPEDFATY YCQQSHEDPY TFGQGTKEI KRTVAAPSVF IFPPSDEQLK SGTASVVCLL
NNFYPREAKV QWKVDNALQS GNSQESVTEQ DSKDSTYSLs STLTLKADY EKHKVYACEV THQGLSSPVT
KSPNRGEC

(E25) - HEAVY CHAIN

EVQLVESGGG LVQPGGSLRL SCAVSGYSIT SGYSWNWIRQ APGKGLEWVA SITDYGSTNY NPSVKGRITI
SRDDSKNTFY LQMSLRAED TAVYICARGs HYFGHWHFAV WGQGTLVTVS SASTKGPSVF PLAPSSKSTS
GGTAALGCLV KDYFPEPVTV SWNSGALTSG VHTFPAVLQS SGLYSLSSV TVPSSSLGTQ TYICNVNEKP
SNTKVDKKE PKSCDKTHTC PPCPAPELLG GPSVFLFPPK PKDTLMISRT PEVTCVVVDV SHEDPEVKFN
WYVDGVEVHN ARTKPREEQY NSTYRVVSVL TVLHQDWLNG KEYKCKVSNK ALPAPIEKTI SKAKGQPREP
QVYTLPPSRE EMTKNQVSLT CLVKGFPYSD IAVEWESNGQ PENNYKTPP VLDSDGSFFL YSKLTVDKSR
WQQGNVFCSS VMHEALHNY TQKSLSLSPG K

(E26) - LIGHT CHAIN

DIQLTQSPSS LSASVGDRVT ITCRASKPVD GEGDSYMNY QQKPGKAPKL LIYAASTLES GVPSRFSGSG
SGTDFTLTIS SLQPEDFATY YCQQSHEDPY TFGQGTKEI KRTVAAPSVF IFPPSDEQLK SGTASVVCLL
NNFYPREAKV QWKVDNALQS GNSQESVTEQ DSKDSTYSLs STLTLKADY EKHKVYACEV THQGLSSPVT
KSPNRGEC

(E26) - HEAVY CHAIN

EVQLVESGGG LVQPGGSLRL SCAVSGYSIT SGYSWNWIRQ APGKGLEWVA SITDYGSTNY NPSVKGRITI
SRDDSKNTFY LQMSLRAED TAVYICARGs HYFGHWHFAV WGQGTLVTVS SASTKGPSVF PLAPSSKSTS
GGTAALGCLV KDYFPEPVTV SWNSGALTSG VHTFPAVLQS SGLYSLSSV TVPSSSLGTQ TYICNVNEKP
SNTKVDKKE PKSCDKTHTC PPCPAPELLG GPSVFLFPPK PKDTLMISRT PEVTCVVVDV SHEDPEVKFN
WYVDGVEVHN ARTKPREEQY NSTYRVVSVL TVLHQDWLNG KEYKCKVSNK ALPAPIEKTI SKAKGQPREP
QVYTLPPSRE EMTKNQVSLT CLVKGFPYSD IAVEWESNGQ PENNYKTPP VLDSDGSFFL YSKLTVDKSR
WQQGNVFCSS VMHEALHNY TQKSLSLSPG K

(E27) - LIGHT CHAIN

DIQLTQSPSS LSASVGDRVT ITCRASKPVD GEGDSYMNY QQKPGKAPKL LIYAASTLES GVPSRFSGSG
SGTDFTLTIS SLQPEDFATY YCQQSHEDPY TFGQGTKEI KRTVAAPSVF IFPPSDEQLK SGTASVVCLL
NNFYPREAKV QWKVDNALQS GNSQESVTEQ DSKDSTYSLs STLTLKADY EKHKVYACEV THQGLSSPVT
KSPNRGEC

(E27) - HEAVY CHAIN

EVQLVESGGG LVQPGGSLRL SCAVSGYSIT SGYSWNWIRQ APGKGLEWVA SIKYSGETKY NPSVKGRITI
SRDDSKNTFY LQMSLRAED TAVYICARGs HYFGHWHFAV WGQGTLVTVS SASTKGPSVF PLAPSSKSTS
GGTAALGCLV KDYFPEPVTV SWNSGALTSG VHTFPAVLQS SGLYSLSSV TVPSSSLGTQ TYICNVNEKP
SNTKVDKKE PKSCDKTHTC PPCPAPELLG GPSVFLFPPK PKDTLMISRT PEVTCVVVDV SHEDPEVKFN
WYVDGVEVHN ARTKPREEQY NSTYRVVSVL TVLHQDWLNG KEYKCKVSNK ALPAPIEKTI SKAKGQPREP
QVYTLPPSRE EMTKNQVSLT CLVKGFPYSD IAVEWESNGQ PENNYKTPP VLDSDGSFFL YSKLTVDKSR
WQQGNVFCSS VMHEALHNY TQKSLSLSPG K

Fig. 19

LIGHT CHAIN

E26

DIQLTQSPSS LSASVGDRVT ITCRASKPVD GEGDSYLNWY QOKPGKAPKL LIYAASYLES
GVPSRFSGSG SGTDFTLTIS SLQPEDFATY YCQQSHEDPY TFGQGTKVEI KRTVAAPSVF
IFPPSDEQLK SGTASVVCLL NNFYPREAKV QWKVDNALQS GNSQESVTEQ DSKDSTYSLS
STLTLSKADY EKEKVYACEV THQGLSSPVT KSFNRGEC

E27

DIQLTQSPSS LSASVGDRVT ITCRASKPVD GEGDSYLNWY QOKPGKAPKL LIYAASYLES
GVPSRFSGSG SGTDFTLTIS SLQPEDFATY YCQQSHEDPY TFGQGTKVEI KRTVAAPSVF
IFPPSDEQLK SGTASVVCLL NNFYPREAKV QWKVDNALQS GNSQESVTEQ DSKDSTYSLS
STLTLSKADY EKEKVYACEV THQGLSSPVT KSFNRGEC

HEAVY CHAIN

E26

EVQLVESGGG LVQPGGSLRL SCAVSGYSIT SGYSWNWIRQ APGKGLEWVA SITYDGSTNY
NPSVKGRITI SRDDSKNTFY LQMNSLRAED TAVYYCARGS HYFGHWFAV WGQGTTLVTVS
SASTKGPSVF PLAPSSKSTS GGTAALGCLV KDYFPEPVTY SWNSGALTSG VETFFAVLQS
SGLYSLSSV TVPSSSLGTQ TYICNVNHKP SNTKVDKKVE PKSCDKTHT

E27

EVQLVESGGG LVQPGGSLRL SCAVSGYSIT SGYSWNWIRQ APGKGLEWVA SIKYSGETKY
NPSVKGRITI SRDDSKNTFY LQMNSLRAED TAVYYCARGS HYFGHWFAV WGQGTTLVTVS
SASTKGPSVF PLAPSSKSTS GGTAALGCLV KDYFPEPVTY SWNSGALTSG VETFFAVLQS
SGLYSLSSV TVPSSSLGTQ TYICNVNHKP SNTKVDKKVE PKSCDKTHT

Fig. 20

E26

EVQLVESGGG LVQPGGSLRL SCAVSGYSIT SGYSWNWIRQ APGKGLEWVA SITYDGSTNY
NPSVKGRITI SRDDSKNTFY LQMNSLRAED TAVYYCARGS HYFGHWFAV WGQGTTLVTVS
SEGGGSEGGG SEGGGSDIQL TQSPSSLSAS VGDRVITTCR ASKPVDGEGD SYLNWYQQKP
GKAPKLLIYA ASYLESQVPS RFGSGSGGTD FTLTISSLQP EDFATYYCQQ SHEDPYTFGQ
GTKVEIKR

E27

EVQLVESGGG LVQPGGSLRL SCAVSGYSIT SGYSWNWIRQ APGKGLEWVA SIKYSGETKY
NPSVKGRITI SRDDSKNTFY LQMNSLRAED TAVYYCARGS HYFGHWFAV WGQGTTLVTVS
SEGGGSEGGG SEGGGSDIQL TQSPSSLSAS VGDRVITTCR ASKPVDGEGD SYLNWYQQKP
GKAPKLLIYA ASYLESQVPS RFGSGSGGTD FTLTISSLQP EDFATYYCQQ SHEDPYTFGQ
GTKVEIKR

Fig. 21

LIGHT CHAIN

E26

DIQLTQSPSS LSASVGDRVT ITCRASKPVD GEGDSYLNWY QQKPGKAPKL LIYAASYLES
GVPSRFSGSG SGTDFTLTIS SLQPEDFATY YCQQSHEDFY TFGQGTKVEI KRTVAAPSVF
IFPPSDEQLK SGTASVVCLL NNFYPREAKV QWKVDNALQS GNSQESVTEQ DSKDSTYSLS
STLTLSKADY EKHKVYACEV THQGLSSPVT KSFNRGEC

E27

DIQLTQSPSS LSASVGDRVT ITCRASKPVD GEGDSYLNWY QQKPGKAPKL LIYAASYLES
GVPSRFSGSG SGTDFTLTIS SLQPEDFATY YCQQSHEDFY TFGQGTKVEI KRTVAAPSVF
IFPPSDEQLK SGTASVVCLL NNFYPREAKV QWKVDNALQS GNSQESVTEQ DSKDSTYSLS
STLTLSKADY EKHKVYACEV THQGLSSPVT KSFNRGEC

HEAVY CHAIN

E26

EVQLVESGGG LVQPGGSLRL SCAVSGYSIT SGYSWNWIRQ APGKGLEWVA SITYDGSTNY
NPSVKGRITI SRDDSKNTFY LQMNSLRAED TAVYYCARGS HYFGHWFAV WGQGTILVTVS
SASTKGPSVF PLAPSSKSTS GGTAALGCLV KDYFPEPVTV SWNSGALTSG VHTFPAVLQS
SGLYSLSVV TVPSSSLGTQ TYICNVNHPK SNTKVDKKVE PKSCDKTHTC PPC

E27

EVQLVESGGG LVQPGGSLRL SCAVSGYSIT SGYSWNWIRQ APGKGLEWVA SIKYSGETKY
NPSVKGRITI SRDDSKNTFY LQMNSLRAED TAVYYCARGS HYFGHWFAV WGQGTILVTVS
SASTKGPSVF PLAPSSKSTS GGTAALGCLV KDYFPEPVTV SWNSGALTSG VHTFPAVLQS
SGLYSLSVV TVPSSSLGTQ TYICNVNHPK SNTKVDKKVE PKSCDKTHTC PPC

Fig. 22